

Mayo High School for Math, Science, and Technology

405 Chestnut Street

Darlington, South Carolina 29532

Grades 9-12 High School

Enrollment 340 Students

Principal Arlene B. Johnson

843-398-2650

Superintendent Dr. Rainey Knight

843-398-5200

Board Chair Mr. Warren Jeffords

843-326-5970

THE STATE OF SOUTH CAROLINA 2006 ANNUAL SCHOOL REPORT CARD

ABSOLUTE RATING

EXCELLENT

Absolute Ratings of High Schools with Students like Ours

Excellent

Good

Average

Below Average

Unsatisfactory

10

10

2

0

0

IMPROVEMENT RATING

EXCELLENT

ADEQUATE YEARLY PROGRESS

YES

This school met 9 out of 9 objectives. The objectives included performance and participation of students in various groups.

Definition: As required by the United States Department of Education, Adequate Yearly Progress specifies that the statewide target is met for All Students and for the following subgroups: Racial/Ethnic, Subsidized Meals, Disability, and Limited English Proficiency.

SOUTH CAROLINA PERFORMANCE GOAL

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country.

PERFORMANCE TRENDS OVER 4-YEAR PERIOD

Year	Absolute Rating	Improvement Rating	Adequate Yearly Progress
2003	Excellent	Excellent	No
2004	Excellent	Excellent	Yes
2005	Excellent	Excellent	Yes
2006	Excellent	Excellent	Yes

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent – School performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- Good – School performance exceeds the standards for progress toward the 2010 SC Performance Goal
- Average – School performance meets the standards for progress toward the 2010 SC Performance Goal
- Below Average – School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- Unsatisfactory – School performance fails to meet the standards for progress toward the 2010 SC Performance Goal

HIGH SCHOOL ASSESSMENT PROGRAM (HSAP) EXAM PASSAGE RATE: SECOND YEAR STUDENTS

	Our School			High Schools with Students Like Ours		
Percent	2004	2005	2006	2004	2005	2006
Passed 2 subtests	100.0	98.8	100.0	82.2	80.3	81.8
Passed 1 subtest	N/A	1.2	N/A	10.0	10.6	9.2
Passed no subtests	N/A	N/A	N/A	8.5	9.2	9.8

HSAP PASSAGE RATE BY SPRING 2006

	Our School	High Schools with Students Like Ours
Percent	100.0%	94.5%

ELIGIBILITY FOR LIFE SCHOLARSHIP

	Our School	High Schools with Students Like Ours
Percent of		
Seniors eligible for LIFE Scholarships at four-year institutions*	39.8	23.6
Seniors who met the SAT/ACT requirement	42.2	25.4
Seniors who met the grade point average	71.1	51.5

*Using only the SAT/ACT and grade point average requirements

GRADUATION RATE

	Our School	High Schools with Students Like Ours
Number of Students	83	380
Number of Diplomas	83	274
Rate	100.0%	73.0%

Abbreviations for Missing Data

N/A Not Applicable N/AV Not Available N/C Not Collected N/R Not Reported I/S Insufficient Sample

END OF COURSE TESTS

Percent of students scoring 70 or above on:	Our School	High Schools with Students Like Ours
Algebra 1/Math for the Technologies 2	100.0	81.6
English 1	93.8	71.1
Biology 1/Applied Biology 2	100.0	69.1
Physical Science	87.8	56.4
All Subjects	94.8	69.9

PERFORMANCE BY STUDENT GROUPS

	HSAP Passage Rate by Spring 2006		Eligibility for LIFE Scholarship		Graduation Rate		
	n	%	n	%	n	%	Met State Objective
All Students	84	100.0	83	39.8	83	100.0	Yes
Gender							
Male	44	100.0	40	37.5	40	100.0	N/A
Female	40	100.0	43	41.9	43	100.0	N/A
Racial/Ethnic Group							
White	43	100.0	40	55.0	40	100.0	N/A
African American	40	100.0	42	23.8	42	100.0	N/A
Asian/Pacific Islander	N/A	N/A	0	0.0	N/A	N/A	N/A
Hispanic	1	100.0	1	100.0	1	100.0	N/A
American Indian/Alaskan	N/A	N/A	0	0.0	N/A	N/A	N/A
Racial/Ethnic Group							
Non disabled	83	100.0	82	40.2	82	100.0	N/A
Disabilities other than speech	1	100.0	1	0.0	1	100.0	N/A
Migrant Status							
Migrant	N/A	N/A	0	0.0	N/A	N/A	N/A
Non-migrant	84	100.0	83	39.8	83	100.0	N/A
English Proficiency							
Limited English Proficient	N/A	N/A	0	0.0	N/A	N/A	N/A
Non-Limited English Proficient	84	100.0	83	39.8	83	100.0	N/A
Socio-Economic Status							
Subsidized meals	25	100.0	26	100.0	26	100.0	N/A
Full-pay meals	59	100.0	55	45.5	57	100.0	N/A

n = number of students on which percentage is calculated

Abbreviations for Missing Data

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HSAP PERFORMANCE BY GROUP

	<i>Enrollment 1st Day of Testing</i>	<i>% Tested</i>	<i>% Below Basic</i>	<i>% Basic</i>	<i>% Proficient</i>	<i>% Advanced</i>	<i>% Proficient and Advanced (adj.)</i>	<i>Performance Objective Met</i>	<i>Participation Objective Met</i>
English/Language Arts – State Performance Objective = 52.3%									
All Students	85	100.0	N/A	4.9	22.0	73.2	96.3	Yes	Yes
Gender									
Male	29	100.0	N/A	3.4	27.6	69.0	96.6	N/A	N/A
Female	56	100.0	N/A	5.7	18.9	75.5	96.2	N/A	N/A
Racial/Ethnic Group									
White	55	100.0	N/A	5.7	15.1	79.2	96.2	Yes	Yes
African American	30	100.0	N/A	3.4	34.5	62.1	96.6	I/S	I/S
Asian/Pacific Islander	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Hispanic	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
American Indian/Alaskan	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Disability Status									
Not Disabled	84	100.0	N/A	3.7	22.2	74.1	97.5	N/A	N/A
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	I/S	I/S
Migrant Status									
Migrant	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-Migrant	85	100.0	N/A	4.9	22.0	73.2	96.3	N/A	N/A
English Proficiency									
Limited English Proficient	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Non-Limited English Proficient	85	100.0	N/A	4.9	22.0	73.2	96.3	N/A	N/A
Socio-Economic Status									
Subsidized meals	19	100.0	N/A	5.6	44.4	50.0	94.4	I/S	I/S
Full-pay meals	66	100.0	N/A	4.7	15.6	79.7	96.9	N/A	N/A
Mathematics – State Performance Objective = 50.0%									
All Students	85	100.0	N/A	2.4	34.1	63.4	98.8	Yes	Yes
Gender									
Male	29	100.0	N/A	N/A	10.3	89.7	100.0	N/A	N/A
Female	56	100.0	N/A	3.8	47.2	49.1	98.1	N/A	N/A
Racial/Ethnic Group									
White	55	100.0	N/A	N/A	26.4	73.6	100.0	Yes	Yes
African American	30	100.0	N/A	6.9	48.3	44.8	96.6	I/S	I/S
Asian/Pacific Islander	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Hispanic	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
American Indian/Alaskan	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Disability Status									
Not Disabled	84	100.0	N/A	2.5	33.3	64.2	98.8	N/A	N/A
Disabled	1	I/S	I/S	I/S	I/S	I/S	I/S	I/S	I/S
Migrant Status									
Migrant	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-Migrant	85	100.0	N/A	2.4	34.1	63.4	98.8	N/A	N/A
English Proficiency									
Limited English Proficient	0	N/A	N/A	N/A	N/A	N/A	N/A	I/S	I/S
Non-Limited English Proficient	85	100.0	N/A	2.4	34.1	63.4	98.8	N/A	N/A
Socio-Economic Status									
Subsidized meals	19	100.0	N/A	11.1	44.4	44.4	94.4	I/S	I/S
Full-pay meals	66	100.0	N/A	N/A	31.3	68.8	100.0	N/A	N/A

Abbreviations for Missing Data

N/A Not Applicable **N/AV** Not Available **N/C** Not Collected **N/R** Not Reported **I/S** Insufficient Sample

SCHOOL PROFILE

	Our School	Change from Last Year	High Schools with Students Like Ours	Median High School
Students (n= 340)				
Retention rate	0.3%	Up from 0.0%	6.5%	7.0%
Attendance rate	97.7%	Down from 97.8%	95.8%	95.5%
Eligible for gifted and talented	44.4%	Up from 36.3%	11.8%	7.9%
With disabilities other than speech	1.2%	Up from 0.6%	10.3%	12.3%
Older than usual for grade	0.3%	Up from 0.0%	7.4%	9.5%
Out-of-school suspensions or expulsions for violent &/or criminal offenses	0.6%	Up from 0.0%	1.8%	1.2%
Enrolled in AP/IB programs	23.5%	No change	17.6%	11.2%
Successful on AP/IB exams	N/A	N/A	N/A	N/A
Eligible for LIFE Scholarship*	39.8%		22.0%	10.2%
Annual dropout rate	0.0%	No change	2.5%	2.8%
Career/technology students in co-curricular organizations	0.0%	Down from 5.7%	3.2%	3.5%
Enrollment in career/technology center courses	169	Up from 164	782	448
Students participating in worked-based experiences	21.2%	Up from 6.9%	28.8%	24.2%
Career/technology students mastering core competencies	97.0%	Down from 98.8%	80.0%	80.0%
Career/technology completers placed	N/A	N/A	100.0%	99.1%

* Using only SAT/ACT and Grade Point Average requirements.

Teachers (n= 25)

Teachers with advanced degrees	64.0%	Up from 60.0%	57.2%	55.5%
Continuing contract teachers	N/AV		N/AV	N/AV
Classes not taught by highly qualified teachers	0.0%	N/A	8.2%	9.6%
Teachers with emergency or provisional certificates	0.0%	No change	7.2%	9.9%
Teachers returning from previous year	95.8%	Up from 91.8%	88.9%	86.3%
Teacher attendance rate	96.0%	Down from 96.7%	95.4%	95.3%
Average teacher salary	\$43,729	Up 0.6%	\$43,485	\$42,943
Prof. development days/teacher	13.7 days	Up from 11.7 days	10.5 days	11.2 days

School

Principal's years at school	6.0	Up from 5.0	4.0	3.0
Student-teacher ratio in core subjects	18.9 to 1	Up from 18.6 to 1	27.3 to 1	25.7 to 1
Prime instructional time	92.0%	Down from 93.4%	89.7%	89.3%
Dollars spent per pupil*	\$7,644	Up 1.5%	\$6,191	\$6,792
Percent of expenditures for teacher salaries*	53.3%	Down from 53.9%	58.6%	55.3%
Percent of expenditures for instruction*	57.0%		64.0%	61.1%
Opportunities in the arts	Excellent	No change	Excellent	Excellent
Parents attending conferences	99.0%	Down from 99.9%	92.9%	92.8%
SACS accreditation	Yes	No change	Yes	Yes
Character development	Good	No change	Good	Good

* Prior year audited financial data are reported.

	Our District	State
Classes in low poverty schools not taught by highly qualified teachers	0.0%	6.2%
Classes in high poverty schools not taught by highly qualified teachers	8.6%	10.2%
	State Objective	Met State Objective
Classes not taught by highly qualified teachers in this school	0.0%	Yes
Student attendance in this school *or greater than last year	94.0%*	Yes

Abbreviations for Missing Data

N/A Not Applicable N/AV Not Available N/C Not Collected N/R Not Reported I/S Insufficient Sample

REPORT OF PRINCIPAL AND SCHOOL IMPROVEMENT COUNCIL

Mayo High School for Math, Science & Technology has a continued goal to maintain high expectations for all. Students at Mayo are widely recognized for their success and dedication in the areas of academics, athletics and community service. A tradition of excellence is the driving force behind the school's accomplishments. Not only the students soared but also the teachers and the school itself had several noteworthy accomplishments. Mayo's legacy of outstanding and competitive extracurricular activities continues to impress. The following list includes just a few of our accomplishments and awards:

Seniors were offered more than \$3.1 million in scholarships and grants.

Four teachers went through the National Board Certification process.

Fran McFaddin was the recipient of the 2005-06 Siemens Awards for Advanced Placement Biology for the state of South Carolina.

Our school received a third Palmetto Gold Flag.

School-wide summer reading continues to be a big success.

Self-selected reading was implemented in all classrooms.

A National Achievement finalist was named.

Senior Thesis students participated in the Sand Hills Science Fair and took 1st and 2nd place overall honors again.

A Mayo student competed in the International Science Fair in Indianapolis, Indiana.

A Mechanical & Electrical Engineering course was added to the engineering curriculum.

The Academic Booster Club and SIC continue to finance the academic incentives for our students.

Ninety-five percent of the seniors plan to attend postsecondary institutions.

Two EIA grants were awarded to our school.

Ninety-six percent of our students passed statewide End of Course tests.

A student received the perfect attendance award for twelve years.

HSAP diagnostic testing and workshops were held to help prepare the sophomores for the HSAP.

Mayo won the district's Clean School of the Year.

Mayo won the district's Kitchen of the Year.

Our school has become a part of a national program called High Schools That Work (HSTW). Mayo underwent an extensive technical assistance visit to compare our students nationally and received valuable feedback to help with our continued improvement for student achievement.

Arlene B. Johnson, Principal

Brenda Nettles, SIC president

EVALUATIONS BY TEACHERS, STUDENTS, AND PARENTS

	Teachers	Students*	Parents*
Number of surveys returned	24	83	20
Percent satisfied with learning environment	95.8%	87.8%	100.0%
Percent satisfied with social and physical environment	100.0%	89.0%	100.0%
Percent satisfied with school-home relations	100.0%	93.6%	100.0%

*Only eleventh grade students and their parents were included. For schools without grade 11, only the highest grade was included.